

FIG. 1A  
(Prior Art)

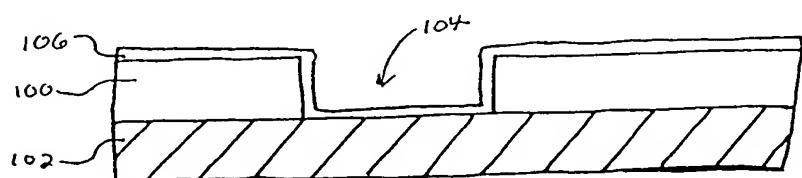


FIG. 1B  
(Prior Art)

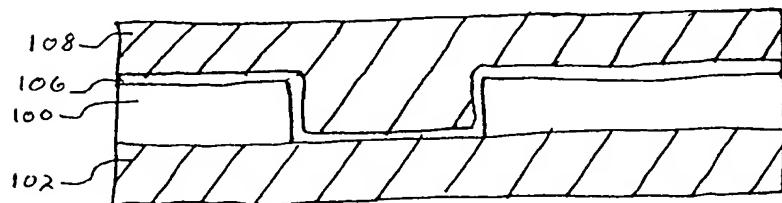


FIG. 1C  
(Prior Art)

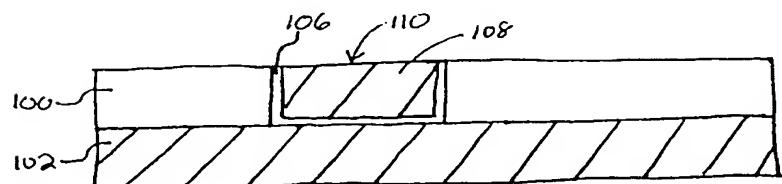


FIG. 1D  
(Prior Art)

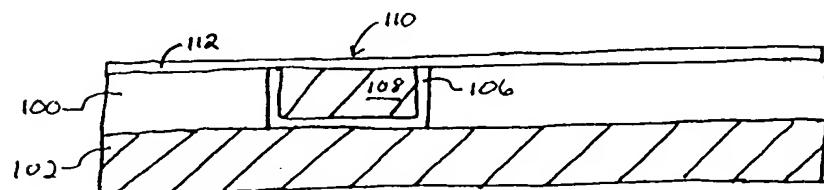


FIG. 1E  
(Prior Art)

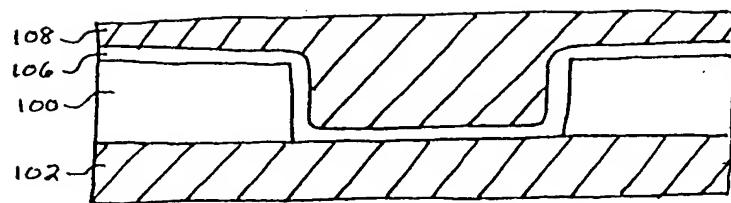


FIG. 1CA  
(Prior Art)

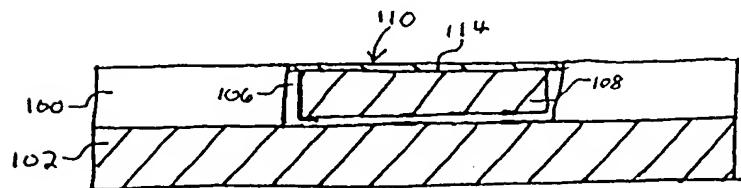


FIG. 1CB  
(Prior Art)

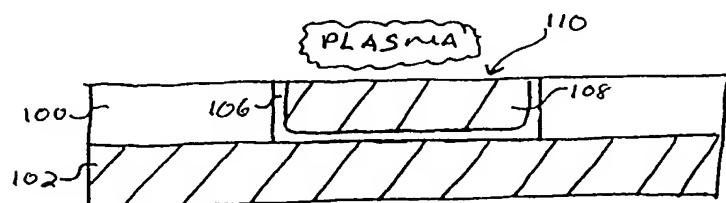


FIG. 1CC  
(Prior Art)

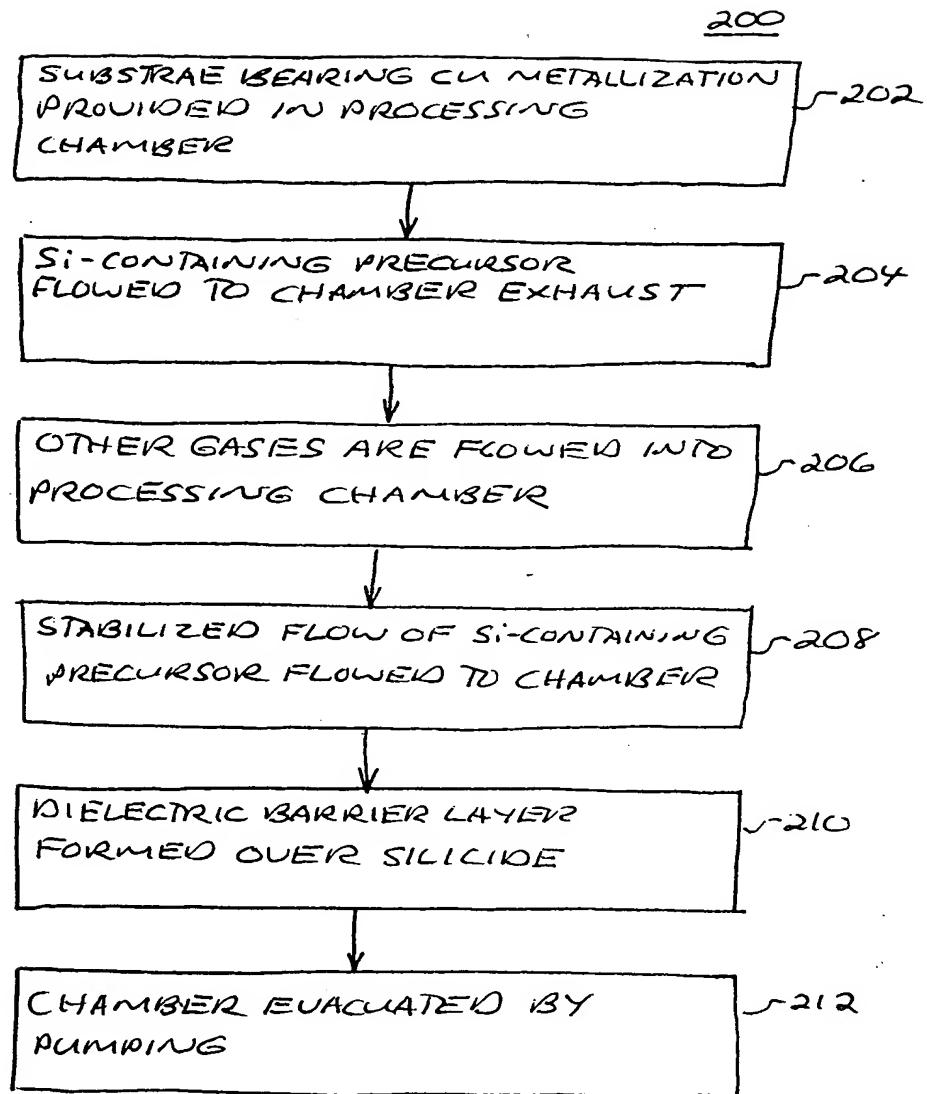


FIG. 2

	1. Stab	2. NH3 Treat	3. Flow to Divert	4. SiH4 Soak	5. Dep	6. Pump
Fig 2 Step #	204	206		214	216	218
time, secs		5 to 40	1 to 5	1 sec	TBD	
Press, torr	servo to 1-10T	servo to 1-10T	servo to 1-10T	servo to 1-10T	servo to 1-10T	TFO
Control			0		840	0
RF1	0	1-1000				
RF2		1-1000				
Temp, C	100-450	100-450	100-450	100-450	100-450	100-450
mils	100-2000	100-2000	100-2000	100-2000	100-2000	lift
SiH4 flow			to divert	to chamber	to chamber	
SiH4		50-1000	50-1000	50-1000	50-1000	-2
NH3	100-500	100-500	100-500	100-500	100-500	-2
N2	1000-25000	18000	1000-25000	100-25000	100-25000	-2
		1000-25000				

FIG-3

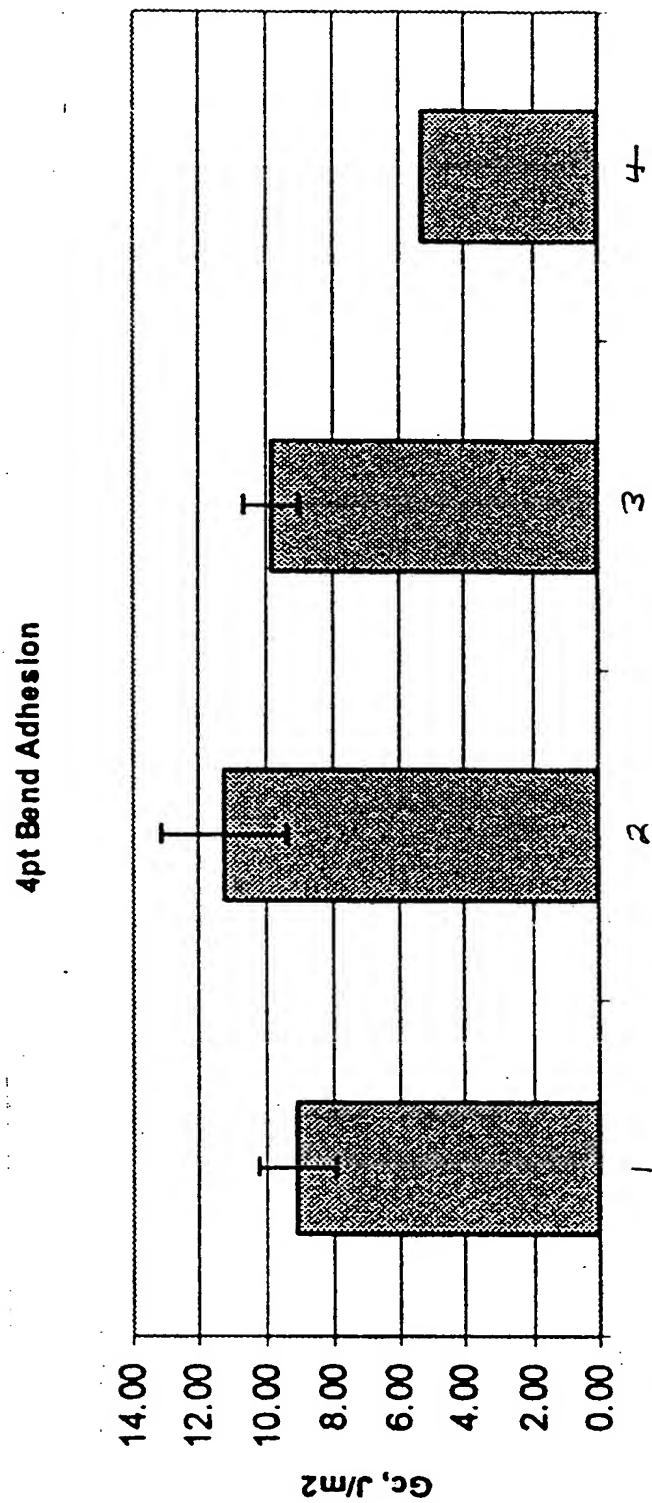


FIG. 4

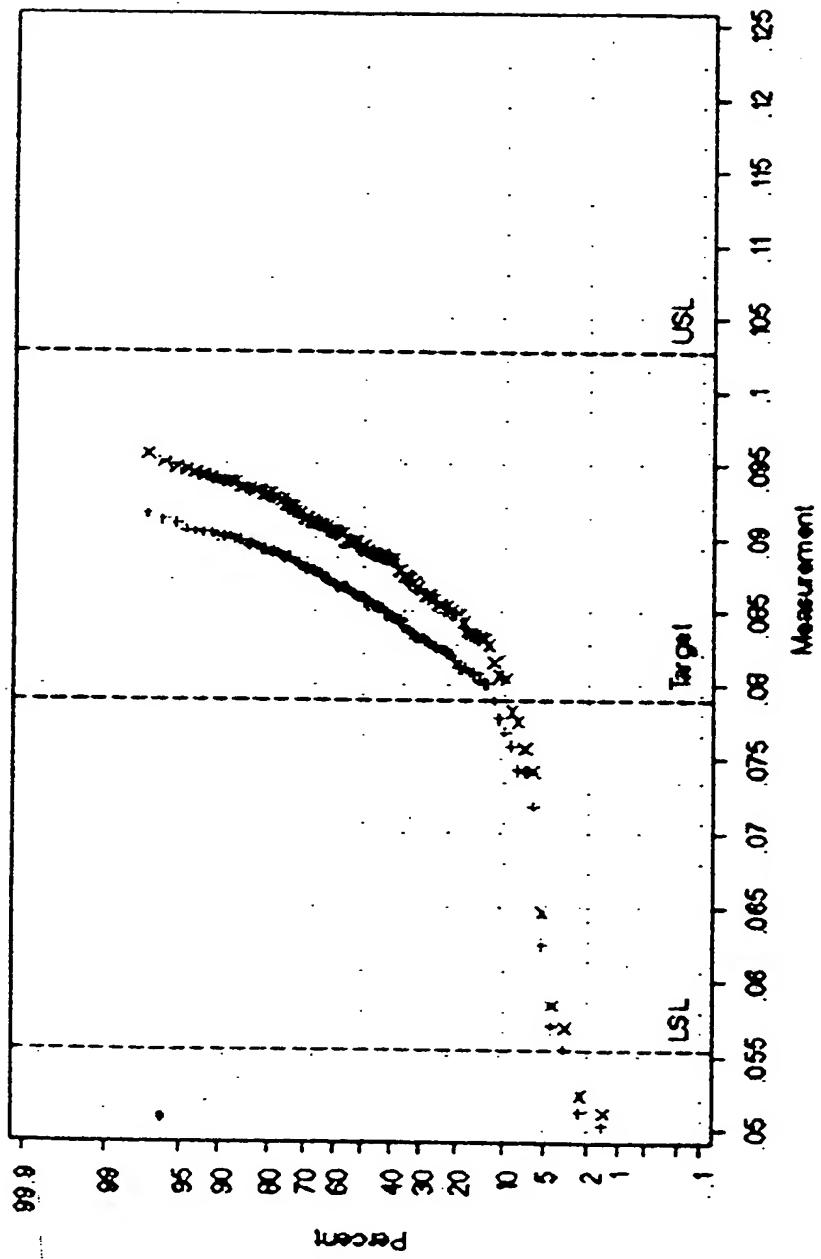


FIG. 5

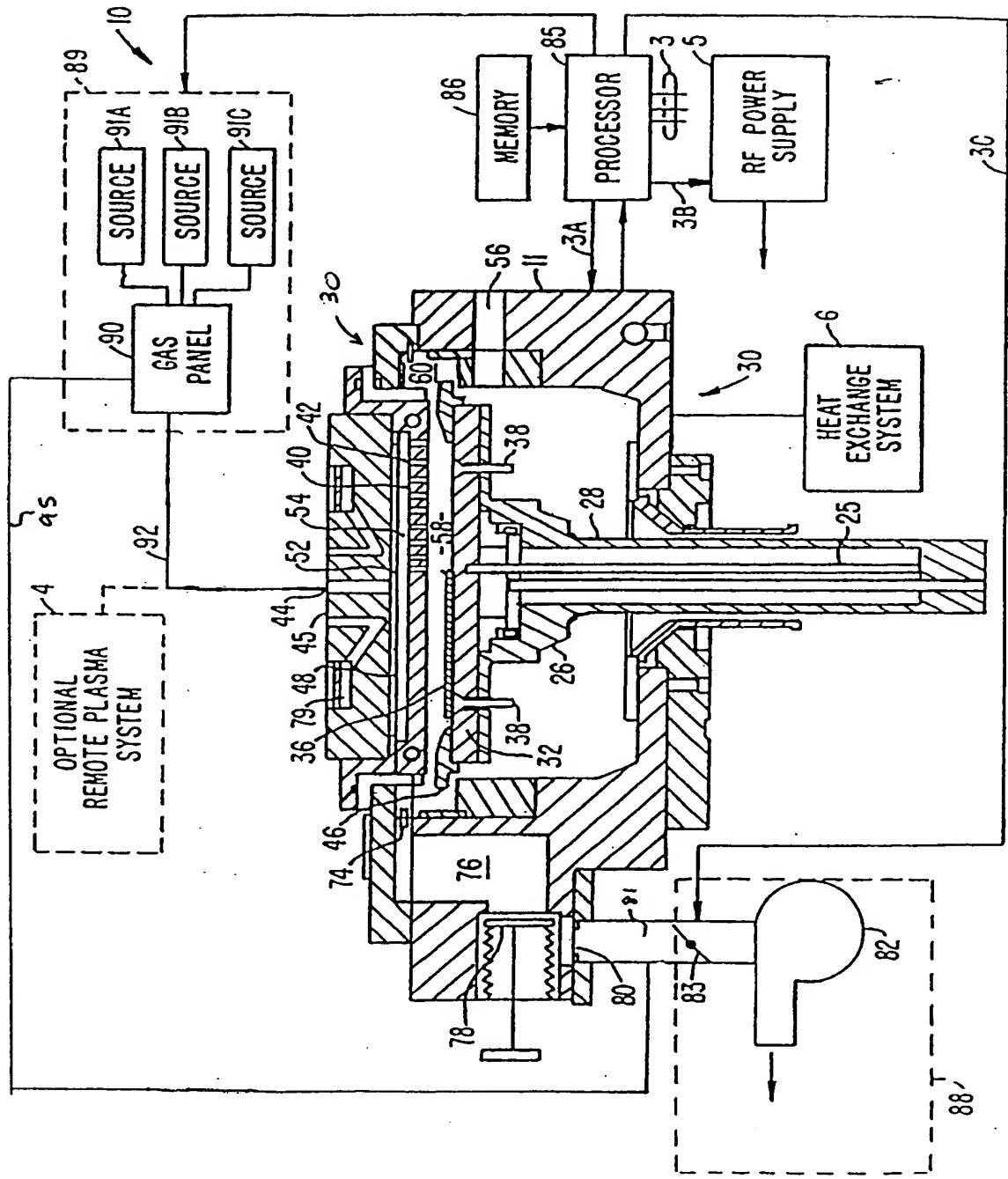


FIG. 6

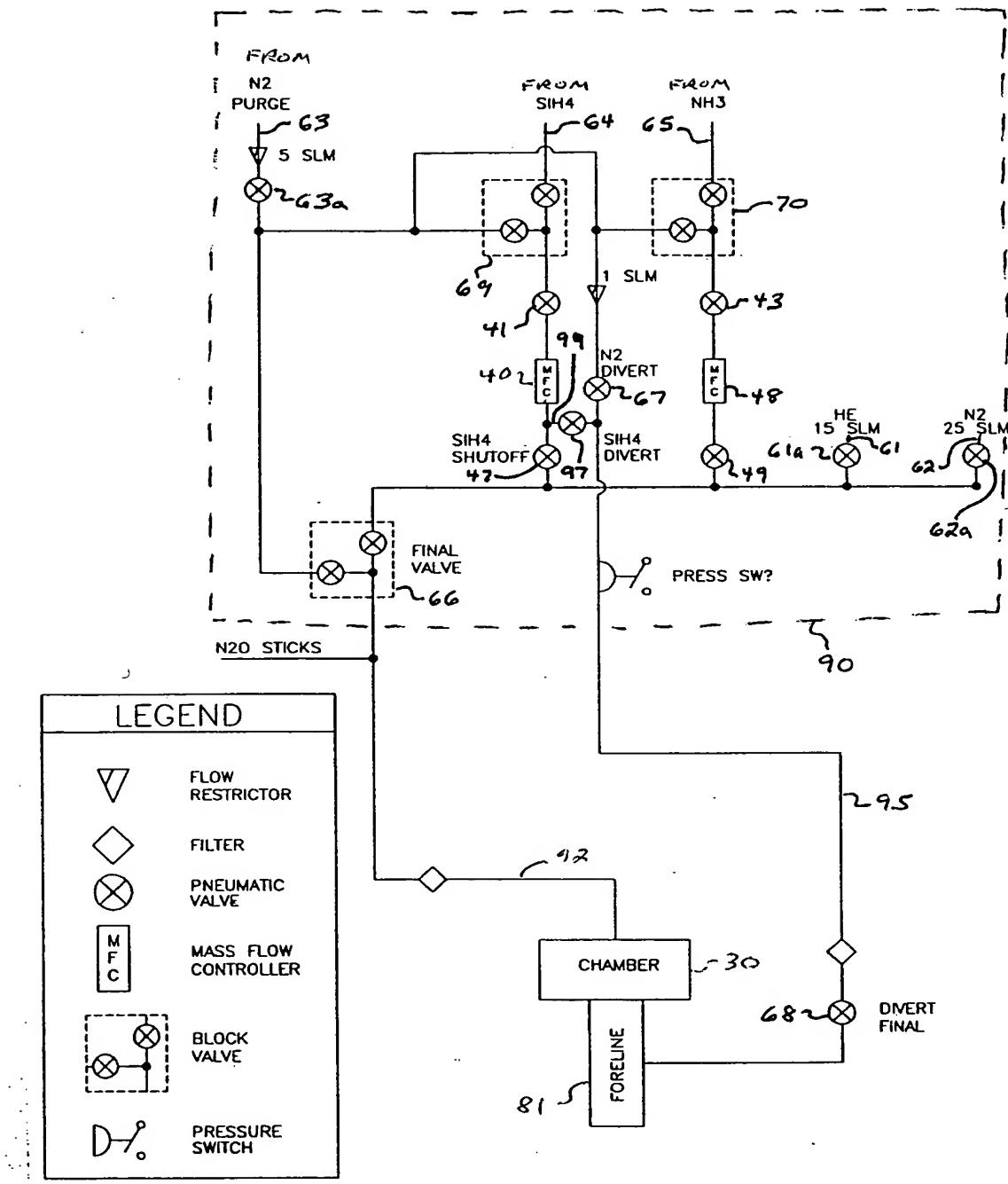


FIG. 7

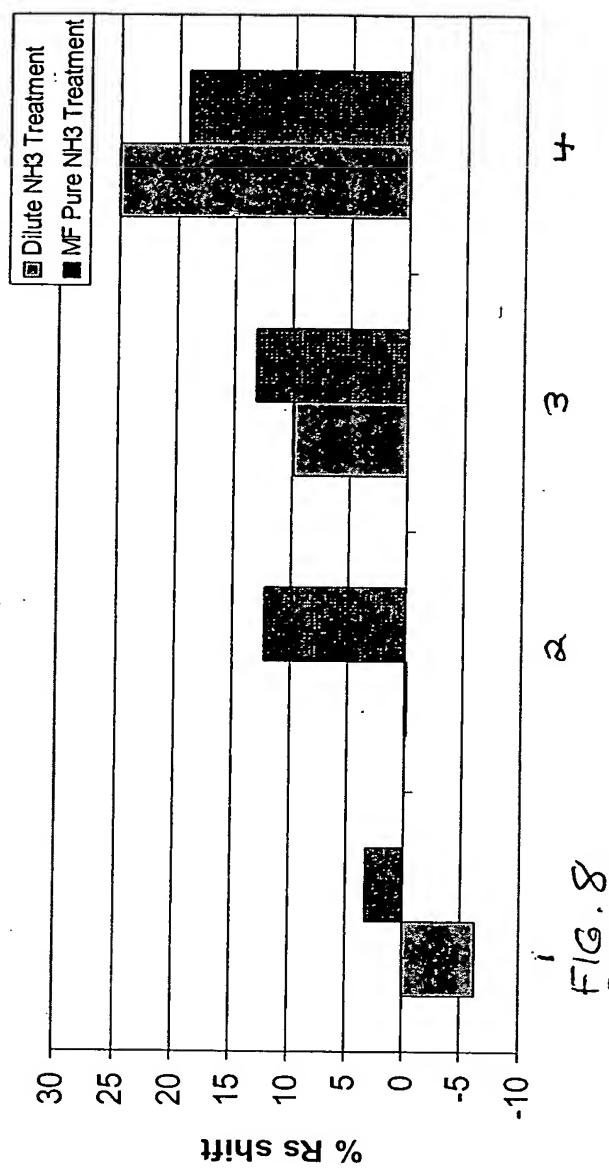


FIG. 8